

Application Number	10/120346 10/510,154
Filing Date	12 April 2002
First Named Inventor	Kia Silverbrook
Art Unit	2853
Examiner Name	Raquel Yvette Gordon Mark
Attorney Docket Number	YU174US

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10/510154

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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/510154
		Filing Date	
		First Named Inventor	Kia Silverbrook
		Art Unit	
		Examiner Name	
Sheet 1 of 8	Attorney Docket Number	YU174US NP	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
IMS/ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓		US 6,425,851 *	July 30, 2002	Silverbrook	
		US 5,719,804 *	02.17.1998	Inui et al	
		US 5,666,141 *	08.08.1997	Matoba et al	
		US 4,672,398 *	06.09.1987	Kuwabara et al	
		US 4,737,802 *	04.12.1988	Mielke	
		US 5,029,805 *	07.09.1991	Albarda et al	
		US 5,258,774 *	11.02.1993	Rogers	
		US 4,553,393 *	11.19.1985	Rüoff	
		US 4,884,624 *	09.12.1989	Gabriel et al	
		US 4,423,401 *	12.27.1983	Mueller	
		US-			
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		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ²	Number ³ - Kind Code ⁴ (if known)				
IMS/ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓		EP	0 713 774 *	05.29.1996	Sharp Kabushiki Kaisha		
		DE	195 16 997 *	11.16.1995	Sharp K.K.		
		DE	196 23 620 *	12.19.1996	Sharp K.K.		
		JP	2-108544 (Abstract) *	04.20.1990	Seiko Epson Corp		
		JP	2-92643 (Abstract) *	04.03.1990	Seiko Epson Corp		
		JP	4-353458 (Abstract) *	12.08.1992	Brother Ind Ltd		
		JP	6-91865 (Abstract) *	04.05.1994	Seikosha Co Ltd		
		JP	6-91866 (Abstract) *	04.05.1994	Seikosha Co Ltd		
		JP	2-265752 (Abstract) *	10.30.1990	Matsushita Electronic Ind Co Ltd		
		EP	0 634 273 *	01.18.1995	Sharp Kabushiki Kaisha		

Examiner Signature	/Mark Stevenosky/	Date Considered	05/25/2007
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Sheet 2 of 8

Complete If Known

Application Number	10/510,154
Filing Date	
First Named Inventor	Kia Silverbrook
Art Unit	
Examiner Name	
Attorney Docket Number	YU174US NP

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Examiner Initials	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code ^a - Number ^a - Kind Code ^a (if known)				
IMS ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓		DE 195 32 913 *	03.28.1996	Sharp K.K		
		JP 58 112747 (Abstract) *	07.05.1983	Fujitsu KK		
		DE 43 28 433 *	03.02.1995	Heidleberger Druckmaschinen AG		
		JP 61 025849 (Abstract) *	02.04.1986	Canon Inc		
		JP 01 128839 (Abstract) *	05.22.1989	Ricoh Co Ltd		
		JP 04 126255 (Abstract) *	04.27.1992	Seiko Epson Corp		
		GB 2 262 152 *	06.09.1993	Willet Int Ltd		
		DE 195 16 997 *	11.16.1995	Sharp K.K		
		JP 05 318724 (Abstract) *	12.03.1993	Seikosha Co Ltd		

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 8

Complete If Known

Application Number	10/510154
Filing Date	
First Named Inventor	Kia Silverbrook
Art Unit	
Examiner Name	
Attorney Docket Number	YU174US NP

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code‡ - Number§ - Kind Code¶ (if known)				
IMS/ ↓		JP 02 162049 (Abstract) *	08.21.1990	Seiko Epson Corp.		
		DE 32 45 283 *	06.07.1984	Siemens AG		
		JP 04 368851 (Abstract) *	12.21.1992	Seiko Epson Corp.		
		JP 02 158348 (Abstract) *	06.18.1990	Minolta Camera Co. Ltd.		
		JP 03 112662 (Abstract) *	05.14.1991	Seiko Epson Corp.		
		JP 03.653348 (Abstract) *	03.20.1991	Matsushita Electric Ind. Co. *		
		EP 0.431.338 *	06.12.1991	Matsushita Electric Ind. Co.		
		JP 01.257058 *	10.13.1989	Seiko Epson Corp.		
		DE 195-17-969 *	11.30.1995	Sharp K.K.		

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Sheet 4 of 8

Complete If Known

Application Number	10/510,154
Filing Date	
First Named Inventor	Kla Silverbrook
Art Unit	
Examiner Name	
Attorney Docket Number	YU174US NP

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Examiner Initials ^a	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentees or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code ³ - Number ⁴ - Kind Code ⁶ (if known)				
/MS/		DE 196 39 717 *	04.17.1997	Sharp K.K.		
↓		EP 0 737 580 *	10.16.1996	Canon K.K.		
		EP 0 882 590 *	12.09.1998	Canon K.K.		
		EP 0 478 958 *	04.08.1992	Kernforschungs- u. Karlsruher GMBH		
		DE 1 648 322 *	03.24.1971	VDO Tachometerwerke GMBH		
		GB 1 428 239 *	03.17.1978	Cibie Projecteurs		
		DE 39 34 280 *	04.26.1990	CAE di Cipelletti Alberto		
↙		DE 29 05 063 *	08.14.1980	Olympia-Werke AG		
		WO 94 18010 *	08.18.1994	Domino Printing Sciences PLC		

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Substitute for form 1449A/PTO				Application Number	10/510,154
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	
				First Named Inventor	Kia Silverbrook
				Art Unit	
				Examiner Name	
Sheet	5	of	8	Attorney Docket Number	YU174US NP

[illegible]

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.†	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code‡	Number§				
IMS/ ↓ V		EP	0 398 031 *	11.22.1990	Seiko Epson Corp		
		EP	0 427 291 *	05.15.1991	Seiko Epson Corp		
		JP	01 115639 (Abstract) *	05:08:1989	Ricoh Co Ltd		
		JP	58 116165 (Abstract) *	07:11:1983	Canon K.K		
		EP	0 827 314 *	12:07:1994	Olivetti Canon Ind	SPA	
		JP	61 268453 (Abstract) *	11.27.1986	Olympus Optical Co Ltd		
		JP	04 118241 (Abstract) *	04.20.1992	Seiko Epson Corp		
		EP	0 506 232 *	09.30.1992	Videojet Systems	Int, Inc	
		JP	07 314665 (Abstract) *	12.05.1995	Canon Inc		
		JP	03 180350 *	08.06.1991	Seiko Epson Corp		

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Application Number				10/510,154	
Filing Date					
First Named Inventor				Kia Silverbrook	
Art Unit					
Examiner Name					
Attorney Docket Number				YU174US NP	
Sheet	6	of	8		

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FOREIGN PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ² - Number ⁴ - Kind Code ³ (if known)			
		WO 97 12689 *	04.10.1997	The Board of Trustees of the Leland Stanford University	
		JP 02 050841 (Abstract) *	02.20.1990	Seiko Epson Corp.	
		EP 0 510 648 *	10.28.1992	Ivri Yehuda	
		JP 05 28765 (Abstract) *	10.29.1993	Canon Inc.	
		JP 04 141429 (Abstract) *	05.14.1992	Seiko Epson Corp.	
		JP 01.105746 (Abstract) *	04.24.1989	Ricoh Co. Ltd	
		GB 792 145 *	03.19.1958	Technograph Printed Circuits Ltd	
		EP 0 750 993 *	01.02.1997	Canon K.K.	

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Application Number				+0/154, +10/510, 154	
Filing Date					
First Named Inventor				Kia Silverbrook	
Art Unit					
Examiner Name					
Attorney Docket Number				YU174US NP	
Sheet	7	of	8		

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FOREIGN PATENT DOCUMENTS						
Examiner Initials ^a	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^b
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
MS		JP.01.306254 (Abstract)	12.11.1989	Seiko.Epson.Corp.		
		EP.0.092.229	10.26.1983	Siemens AG		
		DE.37.16.996	12.08.1988	VDO.Schindling		
		DE.34.30.155	02.27.1986	Siemens AG		
		FR.2.231.076	12.20.1974	Elecitcité De France		
		WO.00/23279 *	Apr.27., 2000	Silverbrook		
		WO.01/89839 *	Nov.28., 2001	Silverbrook		

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1 Applicant's unique citation designation number (optional). 2 See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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10/510154

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PTO/SB/088 (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/510154
		Filing Date	
		First Named Inventor	Kia Silverbrook
		Group Art Unit	
		Examiner Name	
Sheet 8 of 8	Attorney Docket Number	YU174US NP	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issu number(s), publisher, city and/or country where published	T ²
/MS/		NOWOROLSKI, J. MARK et al, "Process for in-plane and out-of-plane single-crystal-silicon thermal microactuators". Sensors and Actuators, A, CH, Elsevier-Sequoia S.A., Lausanne, Vol-55, no-1, 15-July-1998, pp-65-69, XP004077979 ISSN: 0924-4247.	
		ATAKA, MANABU et al, "Fabrication and Operation of Polymide-Bimorph Actuators for Ciliary Motion System". Journal of Microelectromechanical Systems, US, IEEE Inc. New York, Vol. 2, no. 4, 1 December 1993, pp 146-150, XP000443412, ISSN: 1057-7157.	
		YAMAGATA, YUTAKA et al, "A Micro Mobile Mechanism Using Thermal Expansion and its Theoretical Analysis". Proceeding of the workshop on micro electro mechanical systems (MEMS), US, New York, IEEE, Vol. Workshop 7, 25 January 1994, pp-142-147, XP000528408, ISBN: 0-7803-1834-X.	
		Derwent Abstract Accession No. 2001-020348/03, Class P75; T01, JP 2000-293335-A (SEIKO EPSON CORPORATION) 20 October 2000.*	
		Derwent Abstract Accession No. 98-081618/08, Class W02, JP 09-314915 A (CANON KABUSHIKI KAISHA) 9 December 1997.*	

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